

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20070169861"	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/07/28 13:25
S2	3	("5520754"   "6419769"   "6531089").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/07/28 13:28
S3	7	"5332455"	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/07/28 14:58
S4	3	("3765877"   "4789607"   "5922147").PN. OR ("6419769"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 15:23
S5	319	148/552.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 15:25
S6	154	148/690.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 15:26
S7	111	148/694.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 15:26
S8	140	148/700.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 15:26
S9	260	(silicon or Si) same (copper or Cu) same (magnesium or Mg) same (aluminum or Al) and magnesium phosphate	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 15:26
S10	0	S5 and S9	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 15:27
S11	1	S6 and S9	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 15:27
S12	1	S7 and S9	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 15:27
S13	1	S8 and S9	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 15:27
S14	25140	(silicon or Si) same (copper or Cu) same (magnesium or Mg) same (aluminum or Al)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 15:35
S15	208	S5 and S14	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 15:36
S16	87	S6 and S14	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 15:36
S17	67	S7 and S14	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 15:36

S18	95	S8 and S14	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 15:36
S19	19	S5 and S14 and engine	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 15:38
S20	4	"6042780"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 16:51
S21	6	"4917739"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/07/28 16:58
S22	5	("4734130").PN. OR ("4917739"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/11 10:27
S23	4	"6042780"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/11 10:47
S24	7	"5332455"	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/08/11 11:12
S25	4	"5176740"	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/08/11 11:14
S26	1490	METALLGESELLSCHAFT.as.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/08/11 11:55
S27	25214	(silicon or Si) same (copper or Cu) same (magnesium or Mg) same (aluminum or Al)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/11 11:55
S28	6	S26 and S27	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/11 11:55
S29	6	S26 and S27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/08/11 11:56
S30	5	"5178686"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2008/08/11 11:57
S31	10	("3627518"   "3868250"   "4284429"   "4364159"   "4619712"   "4969428").PN. OR ("5178686").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/11 11:58
S32	2	magnesium phosphate same magnesium silicide	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/08/14 16:37
S33	0	magnesium phosphate same MG2Si	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/08/14 16:40
S34	0	magnesium phosphate same "Mg. sub.2Si"	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/08/14 16:40

S35	0	magnesium phosphate same "Mg.sub.2 Si"	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/08/14 16:42
S36	501	"Mg.sub.2 Si"	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/08/14 16:42
S37	453	"Mg.sub.2Si"	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/08/14 16:42
S38	6	magnesium phosphate and magnesium silicide	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/08/14 16:43
S39	2	"Mg.sub.3O.sub.8P.sub.2"	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/08/15 09:30
S40	6647	magnesium phosphate	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/08/15 09:30
S41	229	magnesium phosphate and aluminum alloy	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/08/15 09:31
S42	14	magnesium phosphate same aluminum alloy	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/08/15 09:31
S43	145	S41 and (grain or fine or fineness or refine\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/08/15 09:34
S44	166	S41 and (grain or fine or fineness or refin\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/08/15 09:34
S45	10	S41 and (grain same (fine or fineness or refin\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/08/15 09:35
S46	0	magnesium phosphate same grain refin\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/08/15 09:38
S47	1	magnesium phosphate same grain fine\$6	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/08/15 09:39

S48	145	magnesium phosphate same grain	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/08/15 09:39
S49	84	magnesium phosphate same grain and aluminum	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/08/15 09:39
S50	73	magnesium phosphate same aluminum same alloy	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/08/15 09:47
S51	19	magnesium silicide same grain same (refin\$4 or fine\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/08/15 09:50
S52	76	magnesium phosphate same (aluminum or Al) same (magnesium or Mg) same alloy	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/08/15 10:01
S53	34	magnesium phosphate same (aluminum near3 alloy)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/02/26 16:38
S54	2	magnesium phosphate same magnesium silicide	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/02/26 16:40
S55	4	magnesium phosphate with (aluminum or al) alloy	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/02/26 16:40
S56	1789	magnesium phosphate with (aluminum or al)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/02/26 16:41
S57	37	magnesium phosphate with (aluminum or al) same grain	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/02/26 16:41
S58	37	(aluminum.ti. or al.ti.) and magnesium phosphate	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/02/26 16:42
S59	2	"Mg.sub.3O.sub.8P.sub.2"	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/02/26 16:47
S60	326	148/552.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/27 12:13
S61	159	148/690.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/27 12:13
S62	114	148/694.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/27 12:13

S63	141	148/700.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/27 12:13
S64	636	S60 or S61 or S62 or S63	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/27 12:13
S65	26520	(silicon or Si) same (copper or Cu) same (magnesium or Mg) same (aluminum or Al)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/27 12:14
S66	399	S64 and S65	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/27 12:14
S67	285	(silicon or Si) same (copper or Cu) same (magnesium or Mg) same (aluminum or Al) and magnesium phosphate	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/27 12:14
S69	1	S64 and S67	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/27 12:15
S70	313	S66 and quench\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/27 12:15
S71	296	S66 and quench\$4 and solution	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/27 12:16
S72	140	S66 and quench\$4 and solution and artificial	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/27 12:16
S73	333	148/552.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/16 13:55
S74	163	148/690.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/16 13:55
S75	117	148/694.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/16 13:55
S76	143	148/700.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/16 13:55
S77	650	S73 or S74 or S75 or S76	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/16 13:55
S78	28120	(silicon or Si) same (copper or Cu) same (magnesium or Mg) same (aluminum or Al)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/16 13:55
S79	409	S77 and S78	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/16 13:55
S80	309	(silicon or Si) same (copper or Cu) same (magnesium or Mg) same (aluminum or Al) and magnesium phosphate	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/16 13:55
S81	1	S77 and S80	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/16 13:55
S82	48	S80 and cast\$3 and anneal\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/16 14:00
S83	108	(silicon or Si) same (copper or Cu) same (magnesium or Mg) same (aluminum or Al) alloy and magnesium phosphate	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/16 14:21
S84	108	(silicon or Si) same (copper or Cu) same (magnesium or Mg) same (aluminum or Al) alloy and magnesium phosphate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/16 14:22

S85	35	S84 and cast\$3 and anneal\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/16 14:22
S86	1	(silicon or Si) same (copper or Cu) same (magnesium or Mg) same (aluminum or Al) alloy same magnesium phosphate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/16 14:26
S87	3	("3765877"   "4789607"   "5922147").PN. OR ("6419769").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/16 14:37
S88	7	"5332455"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/16 15:07
S89	6	"4734130"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/16 15:12
S90	2	"6669900"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/16 15:24
S96	6	"4917739"	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/11/17 14:21
S97	3	"4070210"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/17 14:25
S98	2	"4067733"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/17 14:31
S99	0	"55763606"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/17 14:32
S100	12	"5573606"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/11/17 14:32
S101	8732	(silicon or Si) same (copper or Cu) same (magnesium or Mg) same (iron or Fe) same (aluminum or Al) alloy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/17 14:34
S102	1035	S101 and (engine or piston)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/17 14:34
S103	89	S102 and beryllium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/17 14:34
S104	24	(magnesium phosphate) same (aluminum or al) alloy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/18 15:24
S105	1	(magnesium phosphate) same grain same2 (aluminum or al) alloy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/18 15:31
S106	338	148/552.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/01 16:53
S107	165	148/690.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/01 16:53

S108	119	148/694.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/01 16:53
S109	144	148/700.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/01 16:53
S110	660	S106 or S107 or S108 or S109	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/01 16:53
S111	29557	(silicon or Si) same (copper or Cu) same (magnesium or Mg) same (aluminum or Al)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/01 16:53
S112	419	S110 and S111	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/01 16:53
S113	340	(silicon or Si) same (copper or Cu) same (magnesium or Mg) same (aluminum or Al) and magnesium phosphate	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/01 16:53
S114	1	S110 and S113	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/01 16:53
S115	53	S113 and cast\$3 and anneal\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/01 16:53
S116	123	(silicon or Si) same (copper or Cu) same (magnesium or Mg) same (aluminum or Al) alloy and magnesium phosphate	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/06/01 16:54
S117	123	(silicon or Si) same (copper or Cu) same (magnesium or Mg) same (aluminum or Al) alloy and magnesium phosphate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/01 16:54
S118	39	S117 and cast\$3 and anneal\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/01 16:54
S119	1	(silicon or Si) same (copper or Cu) same (magnesium or Mg) same (aluminum or Al) alloy same magnesium phosphate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/01 16:54
S120	8950	(silicon or Si) same (copper or Cu) same (magnesium or Mg) same (iron or Fe) same (aluminum or Al) alloy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/01 16:54
S121	1062	S120 and (engine or piston)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/01 16:54
S122	93	S121 and beryllium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/01 16:54
S123	27	(magnesium phosphate) same (aluminum or al) alloy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/01 16:55

S124	1	(magnesium phosphate) same grain same2 (aluminum or al) alloy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/06/01 16:55
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**EAST Search History (Interference)**

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**6/ 1/ 2010 4:56:47 PM**

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